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9-28-00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Wheeler, Carl J.

Appl. No. 09/580,463

Filed: May 26, 2000

For: **Cytofectin Dimers and Methods of
Use Thereof**

Art Unit: 1632

Examiner: To Be Assigned

Atty. Docket:
1530.0220001/EKS/JMC/MJD

First Supplemental Information Disclosure Statement

Commissioner for Patents
Washington, D.C. 20231

Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98. The numbering on this First Supplemental Information Disclosure Statement is a continuation of the numbering in Applicants' Information Disclosure Statement filed on August 25, 2000 in connection with the above-captioned application.

The Examiner is also referred to the following commonly owned, co-pending patent applications, which are directed to related technical subject matter:

U.S. Application No. 08/486,533, filed June 7, 1995;

U.S. Application No. 09/487,457, filed January 6, 2000;

U.S. Application No. 09/534,943, filed March 24, 2000;

U.S. Application No. 09/588,655, filed June 6, 2000; and

U.S. Application No. 09/629,430, filed July 13, 2000.

The identification of these U.S. Applications is not to be construed as a waiver of secrecy as to those applications now or upon issuance of the present applications as patents. The Examiner is

respectfully requested to consider the cited applications and the art cited therein during examination.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicants have listed publication dates on the attached PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith. It is further understood that the Examiner will consider information that was cited or submitted to the U.S. Patent and Trademark Office in a prior application relied on under 35 U.S.C. § 120. 1138 OG 37, 38 (May 19, 1992).

This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No statement or fee is required.

Consideration of the cited documents and making the same of record in the prosecution of the above-identified application is respectfully requested. The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036. A duplicate copy of this pleading is enclosed.

Respectfully submitted,

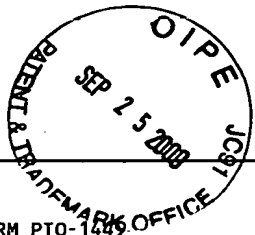
STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



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Date: Sept. 25, 2000

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FORM PTO-1449

ATTY. DOCKET NO.
1530.0220001APPLICATION NO.
09/580,463APPLICANT
Wheeler, Carl J.FILING DATE
May 26, 2000GROUP
1632FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB2	2,368,208	01/30/1945	Epstein <i>et al.</i>	260	404.5	12/16/1940
	AC2	3,265,719	08/09/1966	Cowen <i>et al.</i>	260	404	12/28/1959
	AD2	4,864,060	09/05/1989	Karalis <i>et al.</i>	564	292	08/31/1987
	AE2	5,049,386	09/17/1991	Epstein <i>et al.</i>	424	427	05/15/1990
	AF2	5,068,431	11/26/1991	Karalis <i>et al.</i>	564	301	05/15/1989
	AG2	5,144,060	09/01/1992	Morita <i>et al.</i>	560	170	08/15/1990
	AH2	5,279,833	01/18/1994	Rose	424	450	04/04/1990
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM1	WO 00/27795	05/18/2000	WIPO			Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR		
✓	AS	19	Barnfield, C., <i>et al.</i> , "The Cellular Basis of Immune Induction at Mucosal Surfaces by DNA Vaccination," in <i>Development and Clinical Progress of DNA Vaccines</i> . Dev. Biol. Stand., Brown, F., <i>et al.</i> , eds., Basel Karger 104:159-164 (2000).
✓	AT	19	Felgner, J.H., <i>et al.</i> , "Enhanced Gene Delivery and Mechanism Studies with a Novel Series of Cationic Lipid Formulations," <i>J. Biol. Chem.</i> 269:2550-2561 (1994).

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



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SEP 27 2000 Page 2 of 4

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ATTY. DOCKET NO.
1530.0220001APPLICATION NO.
09/580,463

FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

APPLICANT
Wheeler, Carl J.

TECH CENTER 1600/2900

FILING DATE
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1632

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

✓	AR	20	Menger, F.M., and Littau, C.A., "Gemini Surfactants: A New Class of Self-Assembling Molecules," <i>J. Am. Chem. Soc.</i> 115:1003-10090 (1993).
✓	AS	20	Nabel, G.J., et al., "Immunotherapy of Malignancy by <i>In Vivo</i> Gene Transfer into Tumors," <i>Hum. Gene Ther.</i> 3:399-410 (1992).
✓	AT	20	Norman, J., et al., "Adjuvants for Plasmid DNA Vaccines," in <i>Methods Mol. Med.</i> Vol. 29. <i>DNA Vaccines: Methods and Protocols</i> , Lowrie, D.B. and Whalen, R.G., Humana Press Inc., Totowa, N.J., pp. 185-196 (1998).

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	APPLICANT Wheeler, Carl J.	
	FILING DATE May 26, 2000	GROUP 1632

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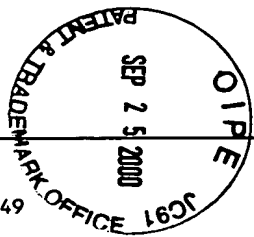
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	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

✓	AR	<u>21</u>	Rosenthal, A.F., and Geyer, R.P., "A Synthetic Inhibitor of Venom Lecithinase A," <i>J. Biol. Chem.</i> 235:2202-2206 (1960).
✓	AS	<u>21</u>	Solodin, I., and Heath, T.D., "Synthesis of Novel Cationic Lipids with a Guanidine Group. Cationic Lipids 3," <i>SYNLETT</i> (7):617-618 (1996).
✓	AT	<u>21</u>	Solodin, I., and Heath, T.D., "Synthesis of Amphiphilic Piperidinium Derivatives. Cationic Lipids 4," <i>SYNLETT</i> (7):619 (1996).

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	AO						Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

✓	AR	22	Solodin, I., and Heath, T.D., "Synthesis of Amphiphilic Derivatives of N-Methyldiethanolamine. Cationic Lipids 5," SYNLETT (7):620 (1996).
	AS		
	AT		

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